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DATA MATRIX

Date June 1, 2010 EPA Reg. No./File Symbol Page 1 of 6 Applicant's/Registrant Name and Address 71227-1 Product Sinanen Company Ltd. 4-22, Kaigan 1-Chome, Minato-ku Zeomic® Type AJ Silver Zeolite A Tokyo 105 Japan

Silver (CAS No. 7440-22-4; PC Code 72501) Ingredient

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS 830.1550	Product Identify and Quarter			Ottalas	Note
	Product Identity and Composition	446522-01	Sinanen Company Ltd.	OWN	
		447917-01	Sinanen Company Ltd.	OWN	1
OPPTS 830.1600		454741-01	Sinanen Company Ltd.	OWN	1
51. 15 656.1666	Description of Materials Used to Manufacture the Product	446522-01	Sinanen Company Ltd.		
		447917-01	Sinanen Company Ltd.	OWN	
OPPTS 830.1650		454741-01	Sinanen Company Ltd.	OWN	
DFF13 630, 1650	Description of the Formulation Process	446522-01		OWN	
		447917-01	Sinanen Company Ltd.	OWN	
		454741-01	Sinanen Company Ltd.	OWN	
OPPTS 830.1670	Discussion of the Formation of Impurities		Sinanen Company Ltd.	OWN	
		446522-01	Sinanen Company Ltd.	OWN	
		447917-01	Sinanen Company Ltd.	OWN	
OPPTS 830.1700	Analysis of Samples	454741-01	Sinanen Company Ltd.	OWN	
	, see of Gampioo	446522-01	Sinanen Company Ltd.	OWN	
		447917-01	Sinanen Company Ltd.	OWN	
		452893-01	Sinanen Company Ltd.	OWN	
PPTS 830.1750	Certified Limits	454741-01	Sinanen Company Ltd.	OWN	
	Certified Limits	446522-01	Sinanen Company Ltd.	OWN	
		447917-01	Sinanen Company Ltd.	OWN	
		452893-01	Sinanen Company Ltd.	OWN	
PPTS 830.1800		454741-01	Sinanen Company Ltd.	OWN	
11.10.000.1000	Enforcement Analytical Method	446522-01	Sinanen Company Ltd. Sinanen Company Ltd.		
ignoture		454741-01	Singner Company Ltd.	OWN	
ignature			Sinanen Company Ltd. Name and Title	OWN	
	nd Paper versions available. Submit only Paper version		Erin M. Tesch, Regulatory Consultant		Date June 1, 2010

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Date June 1, 2010			EPA Reg. No./File Symbol		1- 0.40	
Applicant's/Registrant Name and	Address		71227-1		Page 2 of 6	
Approving String Straint Name and Address			Product			
Sinanen Company Ltd.						
4-22, Kaigan 1-Chome, Mina	ato-ku		Zeomic® Type AJ Silver Zeolite A			
Tokyo 105 Japan						
Ingredient Silver (CAS No	o. 7440-22-4; PC Code 72501)					
Guideline Reference Number				O AMERICA TO THE TOTAL THE TOTAL TO THE TOTAL THE TOTAL TO THE TOTAL THE TOTAL TO T		
Guideline Reference Number	Guldeline Study Name	MRID Number	Submitter	Status	Status	
OPPTS 830.6302	Color			Status	Note	
	COIOI	446522-02	Sinanen Company Ltd.	OWN		
		447917-02	Sinanen Company Ltd.	OWN		
		454741-02	Sinanen Company Ltd.	OWN		
OPPTS 830.6303	Physical State	45581101	Sinanen Company Ltd.	OWN	New study sub. 1/10/02	
	,	446522-02	Sinanen Company Ltd.	OWN	J	
		447917-02	Sinanen Company Ltd.	OWN		
		454741-02 45581101	Sinanen Company Ltd.	OWN	d	
OPPTS 830.6304	Odor		Sinanen Company Ltd.	OWN	New study sub. 1/10/02	
		446522-02 447917-02	Sinanen Company Ltd.	OWN		
		454741-02	Sinanen Company Ltd.	OWN		
OPPTS 830.6314		45581101	Sinanen Company Ltd. Sinanen Company Ltd.	OWN		
JFF13 830.6314	Oxidation/Reduction	447917-02	Sinanen Company Ltd.	OWN	New study sub. 1/10/02	
OPPTS 830.6315		454741-02	Sinanen Company Ltd.	OWN OWN		
JFF 13 630.6315	Flammability	446522-02	Sinanen Company Ltd.			
OPPTS 830.6316		454741-02	Sinanen Company Ltd. Sinanen Company Ltd.	OWN OWN		
JFF 13 630.6316	Explodability	446522-02	Sinanen Company Ltd.	OWN		
DPPTS 830,6317	Characae Old Hill	454741-02	Sinanen Company Ltd.	OWN		
	Storage Stability	446522-02	Sinanen Company Ltd.	OWN		
		447917-02	Sinanen Company Ltd.	OWN		
		452471-01	Sinanen Company Ltd.	OWN		
ignature		454741-02	Sinanen Company Ltd.	OWN		
6 12	Teach		Name and Title		Date	
the M	tech		Erin M. Tesch, l	Regulatory Co.	nsultant June 1, 2010	

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Date June 1, 2010				
Applicant's/Registrant Name and Address	EPA Reg. No./File Symbol 71227-1	Page 3 of 6		
	Product			
Sinanen Company Ltd.				
4-22, Kaigan 1-Chome, Minato-ku	Zeomic® Type AJ Silver Zeolite A			
Tokyo 105 Japan				
Ingredient Silver (CAS No. 7440-22-4; PC Code 72501)				

Silver (CAS No. 7440-22-4; PC Code 72501)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS 830.6319	Miscibility			Julius	Note
3.0	Wiscibility	454741-02	Sinanen Company Ltd.	OWN	
OPPTS 830.6320	Corrosion Characteristics			O W I N	
	Concolor Characteristics	446522-02	Sinanen Company Ltd.	OWN	
		447917-02	Sinanen Company Ltd.]	OWN	
OPPTS 830.6321	Diplostria Progladowa V. II	454741-02	Sinanen Company Ltd.	OWN	
	Dielectric Breakdown Voltage	454741-02	Sinanen Company Ltd.	OWN	
OPPTS 830.7000	PH				
		446522-02	Sinanen Company Ltd.	OWN	
		447917-02	Sinanen Company Ltd.	OWN	
		454741-02	Sinanen Company Ltd.	OWN	
OPPTS 830.7100	Viscosity	45581101	Sinanen Company Ltd.	OWN	New study sub. 1/10/02
	Viscosity	454741-02	Sinanen Company Ltd.	OWN	110 W Study Sub. 1/10/02
OPPTS 830.7200	Melting Point			74. 340,000.00	
		45581101	Sinanen Company Ltd.	OWN	New study sub. 1/10/02
OPPTS 830.7300	Bulk Density	446500.00			Jan 1, 10, 62
		446522-02	Sinanen Company Ltd.	OWN	
		447917-02	Sinanen Company Ltd.	OWN	
		454741-02	Sinanen Company Ltd.	OWN	a
OPPTS 830.7840	Water Solubility	45581101	Sinanen Company Ltd.	OWN	New study sub. 1/10/02
N-4		45581101	Sinanen Company Ltd.	OWN	New study sub. 1/10/02
Not applicable	Solubility in Organic Solvents	45581101	g: a		60) Andrews
Signature		45381101	Sinanen Company Ltd.	OWN	New study sub. 1/10/02
- //	1		Name and Title		
(1)	Tuck		Erin M. Tesch		Consultant June 1, 2010

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DATA MATRIX Date June 1, 2010 **EPA Reg. No./File Symbol** Page 4 of 6 71227-1 Applicant's/Registrant Name and Address Product Sinanen Company Ltd. Zeomic® Type AJ Silver Zeolite A 4-22, Kaigan 1-Chome, Minato-ku Tokyo 105 Japan Silver (CAS No. 7440-22-4; PC Code 72501) Ingredient **Guideline Reference Number Guideline Study Name MRID Number** Submitter Status Note **OPPTS 870,1100** Acute Oral Toxicity - Rat 446644-01 Sinanen Company Ltd. OWN **OPPTS 870.1200** Acute Dermal Toxicity - Rabbit 446644-01 Sinanen Company Ltd. OWN **OPPTS 870.1300** Acute Inhalation Toxicity - Rat 416158-04 Kanebo USA PAY **OPPTS 870,2400** Primary Eye Irritation - Rabbit 416385-01 Kanebo USA PAY OPPTS 870,2500 Primary Dermal Irritation - Rabbit 446644-02 Sinanen Company Ltd. OWN **OPPTS 870,2600** Dermal Sensitization - Guinea Pig 416158-06 Kanebo USA PAY **OPPTS 870.3100** 90-Day Oral Toxicity in Rodents 45581105 Sinanen Company Ltd. **OWN** New study sub. 1/10/02 45581106 Sinanen Company Ltd. OWN New study sub. 1/10/02 **OPPTS 870.3150** 90-Day Oral Toxicity in Nonrodents Waiver Requested 1/10/02 **OPPTS 870,3700** Prenatal Developmental Toxicity (Teratogenicity) 416385-02 Kanebo USA PAY 422454-03 Kanebo USA PAY 426532-01 Kanebo USA PAY 428457-01 Kanebo USA PAY OPPTS 870,3800 Reproduction and Fertility Effects 45827901 Sinanen Company Ltd. OWN New study sub 12/30/02 **OPPTS 870,4300** Combined Chronic Toxicity/Carcinogenicity 45581107 Sinanen Company Ltd. OWN New study sub. 1/10/02 Signature m Teach Name and Title Date Erin M. Tesch, Regulatory Consultant June 1, 2010

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Applicant's/Registrant Name and Address Sinanen Company Ltd. 4-22, Kaigan 1-Chome, Minato-ku Tokyo 105 Japan		EPA Reg. No./File Symbol 71227-1		Page 5 of 6		
			Product			
		Zeomic® Type AJ Silver Zeolite A				
	. 7440-22-4; PC Code 72501)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
OPPTS 870.5100	Bacterial Reverse Mutation Test	446644-03	Sinanen Company Ltd	OWN		
OPPTS 870.5300	In vitro Mammalian Cell Gene Mutation Test	416158-09	Kanebo USA	PAY		
OPPTS 870.5385	Mammalian Bone Marrow Chromosomal Aberration Test (In vivo Mammalian Chromosomal Aberration Assay)	420328-04 428201-01	Kanebo USA Kanebo USA	PAY PAY		
OPPTS 850.2100	Avian Acute Oral Toxicity	428710-01	Kanebo USA	PAY		
OPPTS 850.2200	Avian Dietary Toxicity	428709-01	Kanebo USA	PAY		
DPPTS 850.1075	Fish Acute Toxicity – Freshwater and Marine	416158-14	Kanebo USA	PAY		
OPPTS 850.1010	Aquatic Invertebrate Acute Toxicity	420327-03	Kanebo USA	PAY		
Signature						
ignature	Tesch		Name and Titl Erin M. Tesc	n, Regulatory Co	Date Onsultant June 1, 2010	

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DATA MATRIX Date June 1, 2010 EPA Reg. No./File Symbol Page 6 of 6 71227-1 Applicant's/Registrant Name and Address **Product** Sinanen Company Ltd. 4-22, Kaigan 1-Chome, Minato-ku Zeomic® Type AJ Silver Zeolite A Tokyo 105 Japan Silver (CAS No. 7440-22-4; PC Code 72501) Ingredient **Guideline Reference Number Guideline Study Name MRID Number** Submitter Status Note No applicable Migration Studies and Extraction data from LDPE Films 446644-05 Containing Zeomic Silver Zeolite A Sinanen Company Ltd. OWN Not applicable Migration/Leaching Studies 450080-01 Sinanen Company Ltd. OWN Not applicable Supplemental Information on the Migration/Leaching 454468-01 Sinanen Company Ltd. Study (MRID No. 450080-01) OWN Not applicable Migration of Silver and Zinc from Zeolite Contained in 45581102 LDPE into Olive Oil, Aqueous Ethanol and Aqueous AgION Technologies LLC PER New study sub. 1/10/02 Acetic Acid Not applicable Migration of Silver and Zinc from Zeolite Contained in PBT 45581103 AgION Technologies LLC into Olive Oil, Aqueous Ethanol and Aqueous Acetic Acid PER New study sub. 1/10/02 Not applicable Migration of Silver and Zinc from Zeolite Contained in 45581104 PVC into Olive Oil, Aqueous Ethanol and Aqueous Acetic AgION Technologies LLC PER New study sub. 1/10/02 Not applicable Antimicrobial Efficacy: Zeomic Type AJ10D Silver Zeolite 446644-04 Sinanen Company Ltd. OWN Not applicable Evaluation of Potential Health Risks Associated with 452917-01 Sinanen Company Ltd. Zeomic® Type AJ10D Silver Zeolite A - Toys and OWN **Toothbrushes** Not applicable Evaluation of Potential Health Risks Associated with 453874-01 Sinanen Company Ltd. Zeomic® Type AJ10D Silver Zeolite A - HVAC Coatings OWN Not applicable Evaluation of the Potential Occupational Health Risks 454288-01 Sinanen Company Ltd. Associated with Zeomic® Type AJ Silver Zeolite A in Post OWN Manufacturing "Upgrade" Applications Not applicable Performance of Zeomic□ Type AW Silver Zeolite A in Bulk To be determined Sinanen Company Ltd. Polymers and Fibers OWN Signature Name and Title Date Erin M. Tesch, Regulatory Consultant June 1, 2010 EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version Agency Internal Use Copy